



## **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Hargreaves et al.

Attorney Docket No.: STFUP154/S02-286

Application No.: 10/643,286

Examiner: VARGAS, DIXOMARA

Filed: August 18, 2003

Group: 2859

Title: STEADY STATE FREE PRECESSION  
MAGNETIC RESONANCE IMAGING USING  
PHASE DETECTION FOR MATERIAL  
SEPARATION

Confirmation No.: 4023

### **DECLARATION UNDER 37 CFR 1.132**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We, Brian A. Hargreaves and Shreyas Vasanawala, declare as follows:

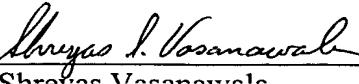
1. We are the applicants in the above-identified patent application.
2. We are patentees in U.S. Patent No. 6,452,387, cited by the Examiner in rejecting claims in the patent application, along with John M. Pauly and Dwight G. Nishimura.
3. To the extent that the teaching in U.S. Patent No. 6,452,387 shows or suggests the invention defined by claims 1-15 of this patent application, the teaching is attributable solely to us and not to Messrs. Pauly and Nishimura.

We further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Oct 12/2004  
Dated

  
\_\_\_\_\_  
Brian A. Hargreaves

Oct 13, 2004  
Dated

  
\_\_\_\_\_  
Shreyas Vasanawala



## SUPPLEMENTAL DECLARATION

Attorney's Docket No. STFUP154/S02-286

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  
**STEADY STATE FREE PRECESSION MAGNETIC RESONANCE IMAGING USING PHASE DETECTION FOR MATERIAL SEPARATION** the specification of which,

(check one)

1.  is attached hereto.
2.  was filed on August 18, 2002 as  
U.S. Application No. 10/643,286  
including the amendment filed with the original application.
3.  was filed on \_\_\_\_\_ as  
International PCT Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

### Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
(Application No.)	(Country)	(Filing Date)	Yes <input type="checkbox"/> No <input type="checkbox"/>
(Application No.)	(Country)	(Filing Date)	Yes <input type="checkbox"/> No <input type="checkbox"/>

### Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

(Application No.)	(Filing Date)
(Application No.)	(Filing Date)

**Prior U.S. Application(s)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

**Power of Attorney**

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**Direct Correspondence To:****Customer Number: 022434****Direct Telephone Calls To:****Henry K. Woodward at telephone number (650) 961-8300**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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Date of Signature: Oct 12/04

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Shreyas Vasanawala

Citizenship: USA

Inventor's signature:

Date of Signature: Oct 13,

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